

ABSTRACT

A roof rack assembly is provided for storing items above a roof of a motor vehicle. The roof rack assembly includes a pair of rails fixedly secured to the roof, parallel to each other. Each of the rails has a channel therealong. A tray includes a first end slidably engaging the channel and a second end. The tray is movable between a storage position above the roof and a loading position along the side of the motor vehicle. A pair of pivot arms extends between a receiving end and a pivot end. The receiving end is pivotally coupled to the second end of the tray. A pair of mounting brackets are fixedly secured to the side of the motor vehicle and pivotally coupled to the pivot arms at the pivot end thereof. Each of the mounting brackets includes a stop for limiting pivotal movement of the pivot arms as the tray moves from the storage position to the loading position in order to maintain the tray in the loading position.